

PTO/SB/08b (08-03)

Approved for use through 06/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	09/873,719		
		Filing Date	June 04, 2001		
		First Named Inventor	David E. Heckerman		
		Art Unit	2663		
		Examiner Name	Wilbert L. Starks		
Sheet	1	of	1	Attorney Docket Number	MS158346.01/MSFTP184US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/WS/		PETER CHEESEMAN and JOHN STUTZ, Bayesian Classification (AutoClass): Theory and Results, Advances in Knowledge Discovery and Data Mining, 1995, pp. 153-180, AAAI Press, Menlo Park, CA.	
/WS/		RONALD A. HOWARD, Decision Analysis: Applied Decision Theory, Proceedings of the Fourth International Conference on Operational Research, 1966, pp. 55-71, Wiley-Interscience.	
/WS/		GEORGE H. JOHN and PAT LANGLEY, Static Versus Dynamic Sampling for Data Mining, Proceedings of the Second International Conference on Knowledge Discovery and Data Mining, 1996, pp. 367-370, AAAI/MIT Press.	
/WS/		CARL MYERS KADIE, SEER: Maximum Likelihood Regression For Learning-Speed Curves, Thesis, 1995, 104 pages, Department of Computer Science, University of Illinois, Urbana, IL.	
/WS/		D. PEARCE, Cost Benefit Analysis, 1983, pp. 59-89, St. Martin's Press, New York.	
/WS/		FOSTER PROVOST, DAVID JENSEN, and TIM OATES, Efficient Progressive Sampling, Conference on Knowledge Discovery in Data, Proceedings of the Fifth ACM SIGKDD International Conference on Knowledge Discovery And Data Mining, 1999, pp. 23-32 pages, ACM, New York.	
/WS/		B. THIESSON, C. MEEK, D.M. CHICKERING, and D. HECKERMAN, Computationally Efficient Methods for Selecting Among Mixtures of Graphical Models, Bayesian Statistics 6: Proceedings of Sixth Valencia International Meeting, 1999, pp. 631-656, Clarendon Press, Oxford.	

Examiner Signature	/Wilbert L. Starks, Jr./	Date Considered	08/06/2007
--------------------	--------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Form PTO-1449 (Modified)

Atty Docket No.:
MS158346.1

Serial No.:
09/873,719

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Applicant: Heckerman, et al.

Filing Date:
6/4/01

Group: Unknown

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						

RECEIVED

FEB 04 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

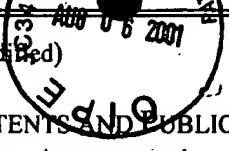
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation
	AC						Yes No

OTHER ART(Including Author, Title, Date, Pertinent Pages, etc.)

WS/	AD		Leung, Y., et al., "A New Method for Mining Regression Classes in Large Data Sets", IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 23, no. 1, 2001, p. 5-21
	AE		
	AF		
	AG		
	AH		
	AI		
EXAMINER /Wilbert L. Starks, Jr./			DATE CONSIDERED 08/06/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

S:\HAM\MSFT\p184us\supp1449.wpd



Form PTO-1449 (Modified)	Atty Docket No.: MS158346.1	Serial No.: 09/873,719
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Heckerman, et al.	
	Filing Date: 6/4/01	Group: Unknown

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						

RECEIVED

AUG 08 2001

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AC							

OTHER ART(Including Author, Title, Date, Pertinent Pages, etc.)

/WS/	AD		Ozelkan EC (REPRINT), et al.; "Multi-Objective Fuzzy Regression: A General Framework", <u>Computers & Operations Research</u> , Vol 27, no. 7-8, 2000, p. 635-652
/WS/	AE		Yilmaz, A., et al.; "Input Data Analysis Using Neural Networks", <u>Simulation</u> , Vol. 74, No. 3, 2000, p. 128-137
/WS/	AF		Meek, C., et al.; "The Learning Curve Method Applied to Clustering", <u>Technical Report</u> , July 2000, p. 1-4
/WS/	AG		Meek, C., et al.; "The Learning Curve Method Applied to Clustering", <u>Technical Report MSR-TR-01-34</u> , February 2001, p. 1-19
	AH		
	AI		
EXAMINER /Wilbert L. Starks, Jr./			DATE CONSIDERED 08/06/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

S:\HAMMSFT\p184us\HSAptol449.wpd



DOCKET NO.: MS158346.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **Heckerman, et al.**

Serial No.: **09/873,719**

Filed: **June 4, 2001**

For: **EFFICIENT DETERMINATION OF SAMPLE SIZE TO FACILITATE BUILDING A STATISTICAL MODEL**

Art Unit: **Unknown**

Examiner: **Unknown**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☒ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.

2171w
11-21-01
#2

RECEIVED
AUG 22 2001
Technology Center 2100

RECEIVED
AUG 08 2001
Technology Center 2100

(c) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063.

(d) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) ___ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.

4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

AMIN & TUROCY, LLP

By

Gary J. Pitzer
Reg. No. 39,334

24TH Floor, National City Center
1900 East 9th Street
Cleveland, Ohio 44114
(216) 696-8730

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 31 July 2001

Gary J. Pitzer

S:\HAMMSFT\p184us\HSAJDSForm.wpd



DOCKET NO.: MS158346.1

21293
03-18-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re patent application of

FEB 04 2002

Applicant: **Heckerman, et al.**

Serial No.: **09/873,719**

Filed: **June 4, 2001**

For: **EFFICIENT DETERMINATION OF SAMPLE SIZE TO FACILITATE BUILDING A STATISTICAL MODEL**

Art Unit: **Unknown**

Examiner: **Unknown**

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) _____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) _____ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) _____ Within 3 months of the filing date or date of entry into the National Stage.
- (b) X Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.

(c) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063.

(d) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) ___ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.

4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

AMIN & TUROCY LLP

By

Gary J. Pitzer
Reg. No. 39.334

24TH Floor, National City Center
1900 East 9th Street
Cleveland, Ohio 44114
(216) 696-8730

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

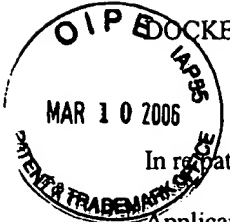
I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 11/12/01

Gary J. Pitzer

S:\HAMMSFT\p184us\HSAIDSForm.wpd

IFC 2663



DOCKET NO.: MS158346.01/MSFTP184US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **David E. Heckerman et al.**
Serial No.: **09/873,719**
Filed: **June 04, 2001**
For: **EFFICIENT DETERMINATION OF SAMPLE SIZE TO FACILITATE BUILDING A STATISTICAL MODEL**
Art Unit: **2663**
Examiner: **Wilbert L. Starks**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

03/13/2006 EAREGAY1 00000009 09873719

01 FC:1806

180.00 OP

(d) ☐ After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ☐ The required certification is given below, or

(2) ☐ Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :

(i) ☐ Enclosed is a check covering the fee;

(ii) ☐ Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or

(iii) ☐ Enclosed is a credit card payment form covering the fee.

(e) ☒ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below. Regarding the fee set forth in 37 C.F.R. §1.17(i)(1) for consideration of this Statement:

(1) ☐ Enclosed is a check covering the fee;

(2) ☐ Charge the fee set forth in 37 C.F.R. §1.17(i)(1) to Deposit Account No. 50-1063; or

(3) ☒ Enclosed is a credit card payment form covering the fee.

4. Certification (if applicable)

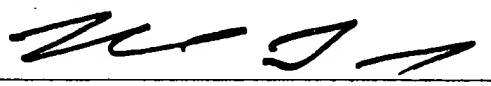
(a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By


Himanshu S. Amin

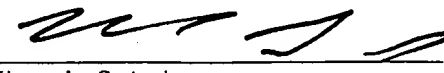
Reg. No. 40,894

Amin & Turocy, LLP
24TH Floor, National City Center
1900 East 9th Street
Cleveland, Ohio 44114
(216) 696-8730

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

3-7-06
Date


Himanshu S. Amin